

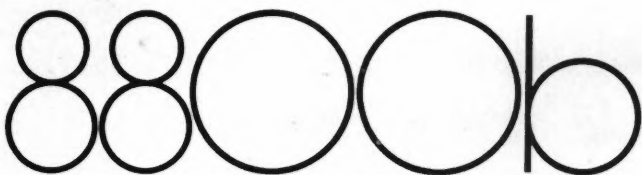
altair

microcomputers

MITS hardware and software



ALTAIRTM: The first word in
microcomputers



The Altair 8800b is a multi-purpose computer designed to make your system planning carefree. Our Altair family of peripherals and plug-in options gives you the variety and flexibility required for today's wide range of microcomputer applications.

Once you decide on an Altair computer, count on MITS for the support necessary to make the best use of your system now and in the future.

If you're looking for a microcomputer, stop. You've found Altair.

system

Altair 8800b-Turnkey Model

In addition to the convenience and security of a key-locked power switch on the front panel, the Altair 8800b Turnkey Model comes with these added features: a serial I/O interface port, 1K of RAM and provision for 1K of PROM. A heavy-duty power supply and an 18-slot motherboard allow up to 16 additional boards in the system (18 including the Turnkey Module Board and CPU board).

Altair Floppy Disk (88-DCDD)

Mass storage and retrieval for your Altair computer. The Altair Floppy Disk is a hard sectored system that provides over 300,000 bytes of data per diskette at a transfer rate of 250,000 bits per second. Up to 16 Altair disk drives can be used with one Altair disk controller.

Altair Minidisk

Similar in operation to the full-size Altair Floppy Disk, the new Altair Minidisk uses a smaller diskette (5" diameter) and has a smaller price tag. Maximum storage per diskette is 71,680 bytes per diskette, and the transfer rate is 125,000 bits per second.

Altair Q-70 Line Printer

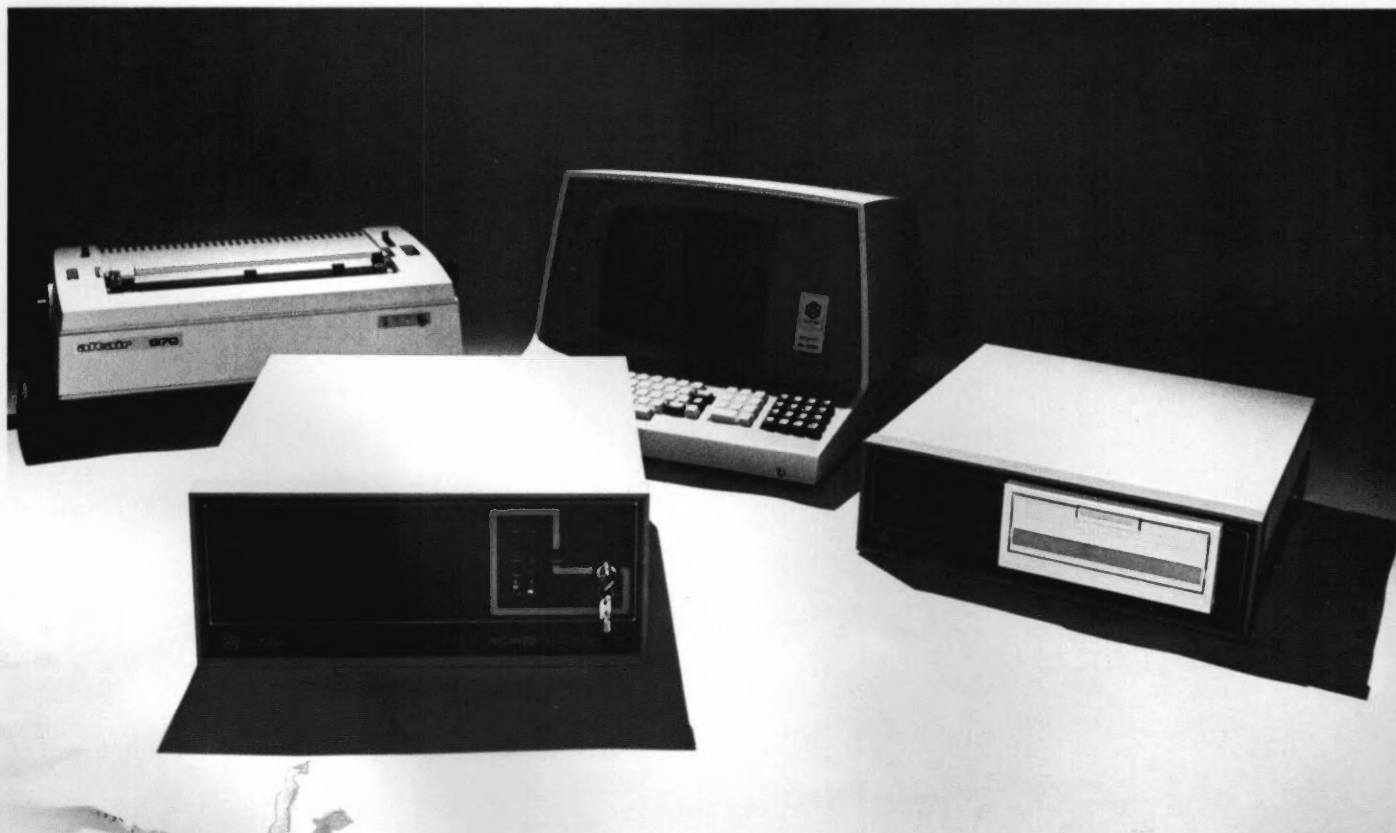
Our top-of-the-line printer, the Altair Q70 is the answer for all professional and scientific users demanding the highest quality printout. Many advanced design features are combined in the Altair Q70 Line Printer so that it meets even the most exacting requirements for speed, reliability and print quality.

Q-70 Line Printer

Altair 8800b Turnkey

B-100 CRT

Altair Floppy Disk



components

Altair C700 Line Printer

The Altair C700 is a line printer that provides fast, bidirectional operation. It is ideally suited for all applications requiring high quality printouts at a reasonable price.

Altair 7000 Graphics Printer

Sophisticated graphics capabilities at a low cost make the Altair 7000 GP an excellent addition to any Altair system. This high speed printer uses a 5 x 7 print matrix on 5"-wide electrosensitive paper. The 7000 GP is software driven and uses a special version of Altair BASIC.

Altair B-100

The Altair B-100 CRT terminal displays 24 lines of 80 characters per line, with switch-selectable baud rates and both RS232 and 20 mA current loop interfacing possible. Other standard features: 11-key numeric pad, cursor control, erase mode and addressable cursor. (Upper and lower case optional.)

LSI ADM-3 CRT Terminal

This easy-to-read video terminal offers a 24-line display with a total of 1920 characters. Baud rate (75-19,200 bps) and interface mode (RS232/20 mA current loop) are switch selectable. A printer interface and word format selection are also included.

A variety of optional memory, I/O and special-purpose pc boards have been designed especially for the Altair 8800b computer. These options give the Altair computer its multipurpose capabilities and make system planning an efficient, open-ended process.

The following plug-in boards are currently available:

memory

- Synchronous 4K Memory Board (88-S4K)
- Synchronous 16K Memory Board (88-16MCD)
- Static 4K Memory Board (88-4MCS)
- Static 16K Memory Board (88-16MCS)
- PROM Memory Card (88-PMC)

special-purpose

- Process Control Interface Board (88-PCI)
- A/D-D/A Converter Board (88-AD/DA)
- Vector Interrupt/Real Time Clock Board (88-VI/RTC)
- A/D Converter and Multiplexer (88-ADC and 88-MUX)

I/O

- Two-Port Serial I/O Board (88-2SIO)
- Four-Port Parallel I/O Board (88-4PIO)
- Audio Cassette Recorder Interface (88-ACR)

C-700 Line Printer
Altair Mindisk

LSI-ADM-3 CRT
Altair 8800b



680b

ALTAIR 680b Computer System

Starting at less than \$400*, the Altair 680b is a complete 6800-based computer that's compact and expandable. Here are five good reasons why the Altair 680b may be just the computer you're looking for:

1K bytes of RAM on the main board

A 256-byte PROM monitor that allows immediate loading/running of programs (no boot loaders necessary) and examining and modifying of memory locations.

An on-board I/O port that may be configured for RS232 or TTY transmission.

Altair 680 BASIC is available and has all the many features that made Altair 8K BASIC famous.

An Altair 680 Assembly Language Development System, including Assembler and Text Editor, is also available for the 680b.

(680 BASIC & 680 Assembly Language Development System purchased separately, or a copy included free with an Altair 680b 16K memory board.)

Altair 680b Turnkey

LSI-ADM-3 CRT

Altair Minidisk



*in kit form

plug-in options

16K Static Memory Board (680b-BSM)

A reliable memory board that adds 16K bytes of static memory to your Altair 680b system. The 680b-BSM has an access time of 215 nanoseconds and low power consumption of 5 watts.

680b-KCACR

The Altair 680b-KCACR interfaces the 680b bus to an audio cassette recorder for inexpensive mass storage of programs and data. Kansas City Standard design means highly reliable data transfers without circuitry adjustments.

Universal Input/Output Board (680b-UI/O)

Increase the I/O capabilities of the 680b with the UI/O. By implementing the optional serial port and two parallel ports, you can simultaneously interface up to three additional terminals.

Process Control Interface (680b-PCI)

Use your 680b as a process monitor and controller when implementing the PCI. Possible applications in industry, home, science, business or communication are practically unlimited.

software

ALTAIR SOFTWARE

The MITS family of sophisticated software gives the Altair 8800a, 8800b and 680b systems a wide range of packages geared to user needs and system capabilities.

Altair 8K BASIC

8K versions of Altair BASIC are available for both the Altair 8800b and the Altair 680b. Altair 8K BASIC offers many features not usually found in BASIC language systems for microcomputers.

Altair 4K BASIC

Miserly with memory space, this mini-version of Altair 8K BASIC is ideal for users with minimum systems.

Altair Extended BASIC

This high-level language possesses all the features of Altair 8K BASIC plus additional luxury items that provide increased capabilities. Minimum memory requirement: 16K.

Altair Disk BASIC

A superset of Altair Extended BASIC, Altair Disk BASIC supports floppy disk files. Users are provided with random and sequential file access and simultaneous use of multiple data files. Minimum memory requirement: 24K.

Altair Timesharing BASIC

This is the exciting new member of the Altair BASIC family. Up to 8 users can have simultaneous, independent access to one Altair microcomputer. Minimum memory requirement: 32K.

Altair Disk Operating System

A powerful assembly language development system for floppy disk systems. Includes: system monitor, text editor, relocatable assembler and linking loader. Minimum memory requirement: 16K.

Package II

An assembly language development system for the 8800 series microcomputers utilizing audio cassette and paper tape. Minimum memory requirement: 8K.

Altair 680 Assembly Language Development System

A development system comprised of a Text Editor and Assembler to give your Altair 680b powerful potential for program development, modification and maintenance.

Multi-Bootloader PROM and Disk-Bootloader PROM

These two loader PROMs are time and sanity savers that eliminate the job of bootstrap toggling.

More Software Support

****Altair Software Distribution Company**

2111 Erwin Street
Woodland Hills, CA 91367

The Altair Software Distribution Company has been established to provide the highest quality applications software to end-users. The software is available at all Altair Computer Centers and is sold with ongoing software maintenance in addition to extensive documentation and flexible training programs.

One of the major products distributed by the ASDC is the Altair Business System—a set of software packages designed for general business use. The system includes packages for word processing, general ledger accounting, inventory management and other accounting functions including payroll, receivables and payable.

The altair system

A complete Altair Computer System can be easily configured for your office or small business. Altair hardware and software packages are flexible, so your system incorporates only the options you specify. Plus, the Altair system is expandable to accommodate future growth. See your local Altair Computer Center for custom planning of a system that meets your individual requirements.



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(703)-569-1110

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Municipal Parking Building
Suite 5
(304)-345-1360

ALTAIR COMPUTER CENTERS

For demonstrations, pricing or further information on Altair computer systems, visit the qualified people at your nearby Altair Computer Center. Or, fill out the coupon below and mail to MITS, Inc. / 2450 Alamo, SE / Albuquerque, NM 87106.

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MITS, Inc.
2450 Alamo SE
Albuquerque, NM 87106

Name _____

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